

FIG. 1

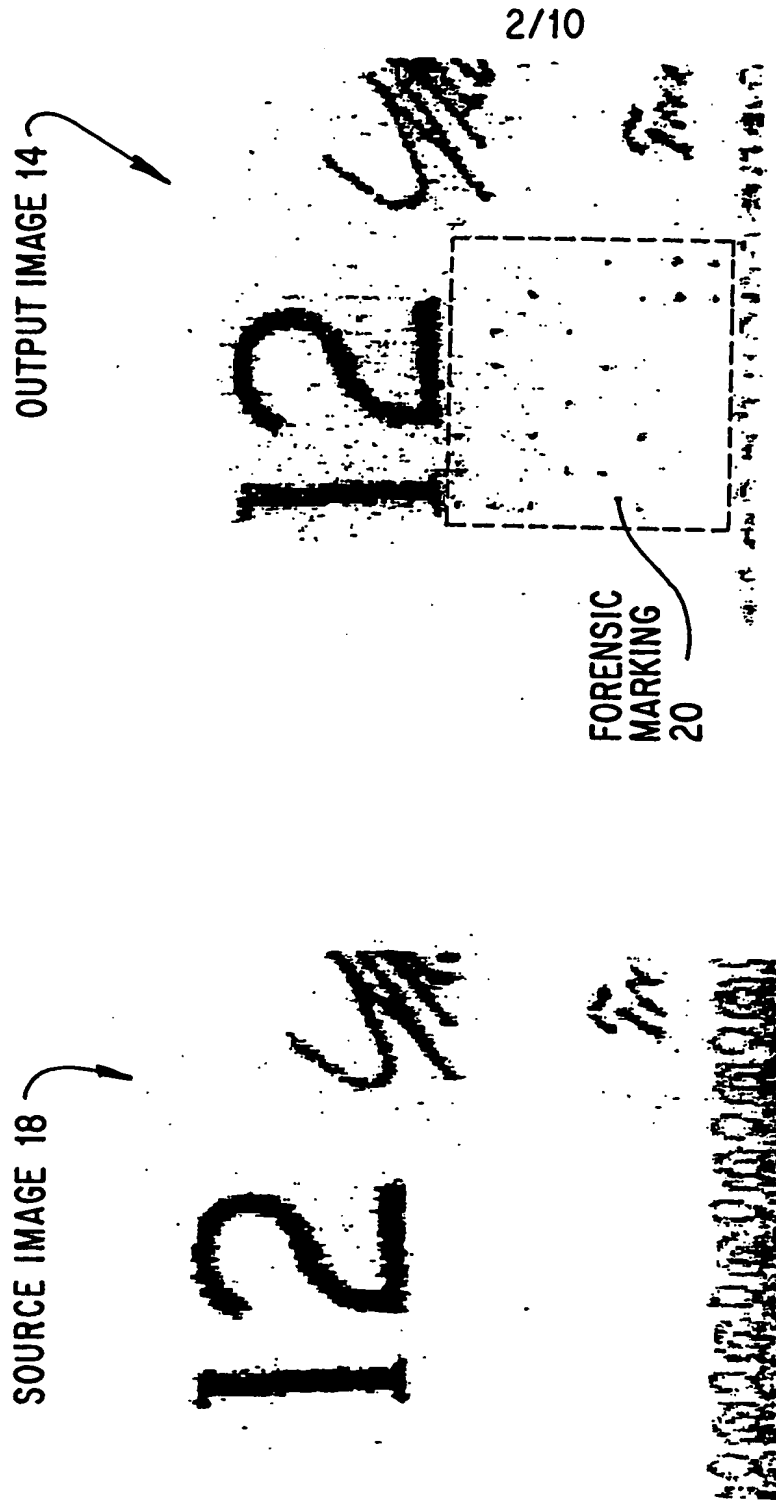
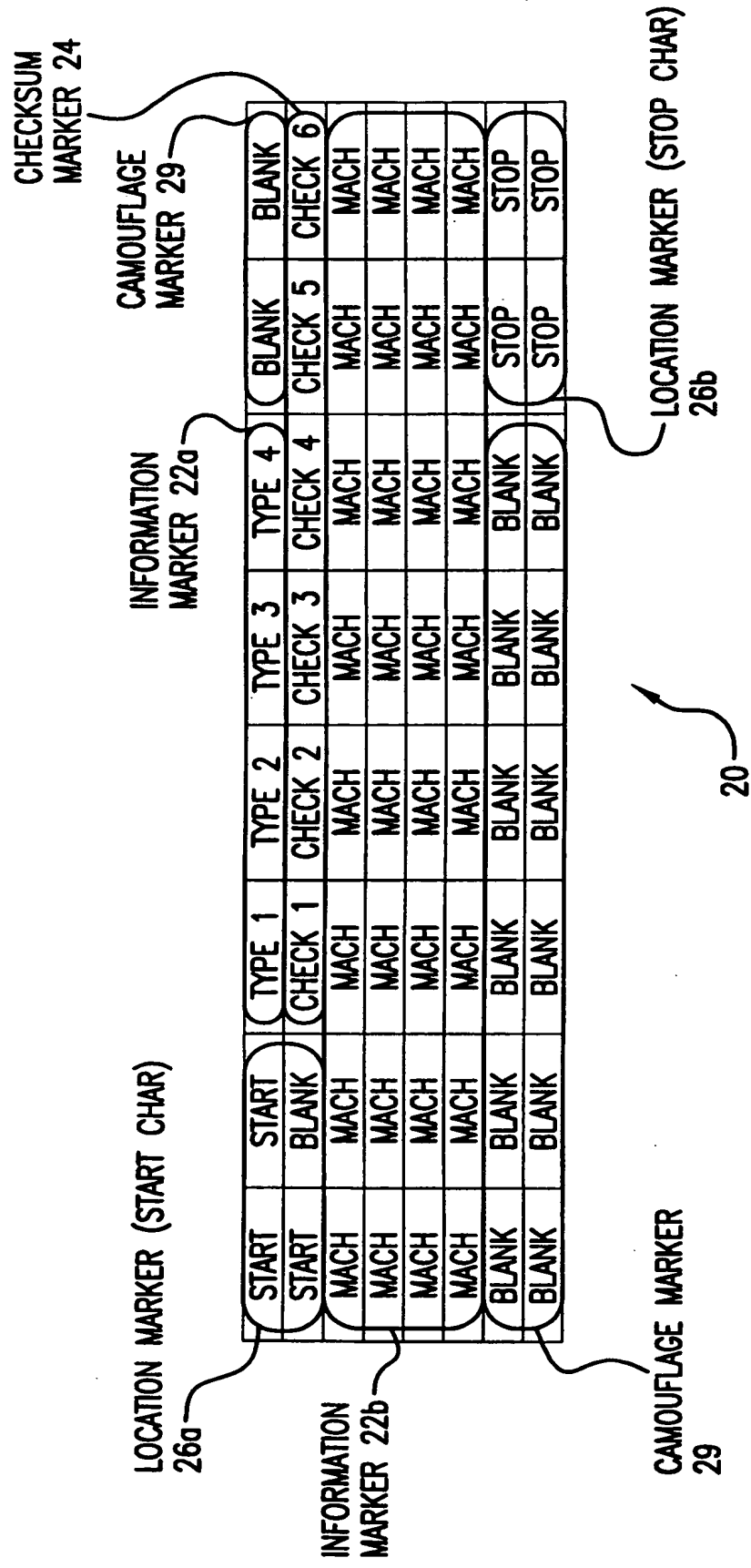


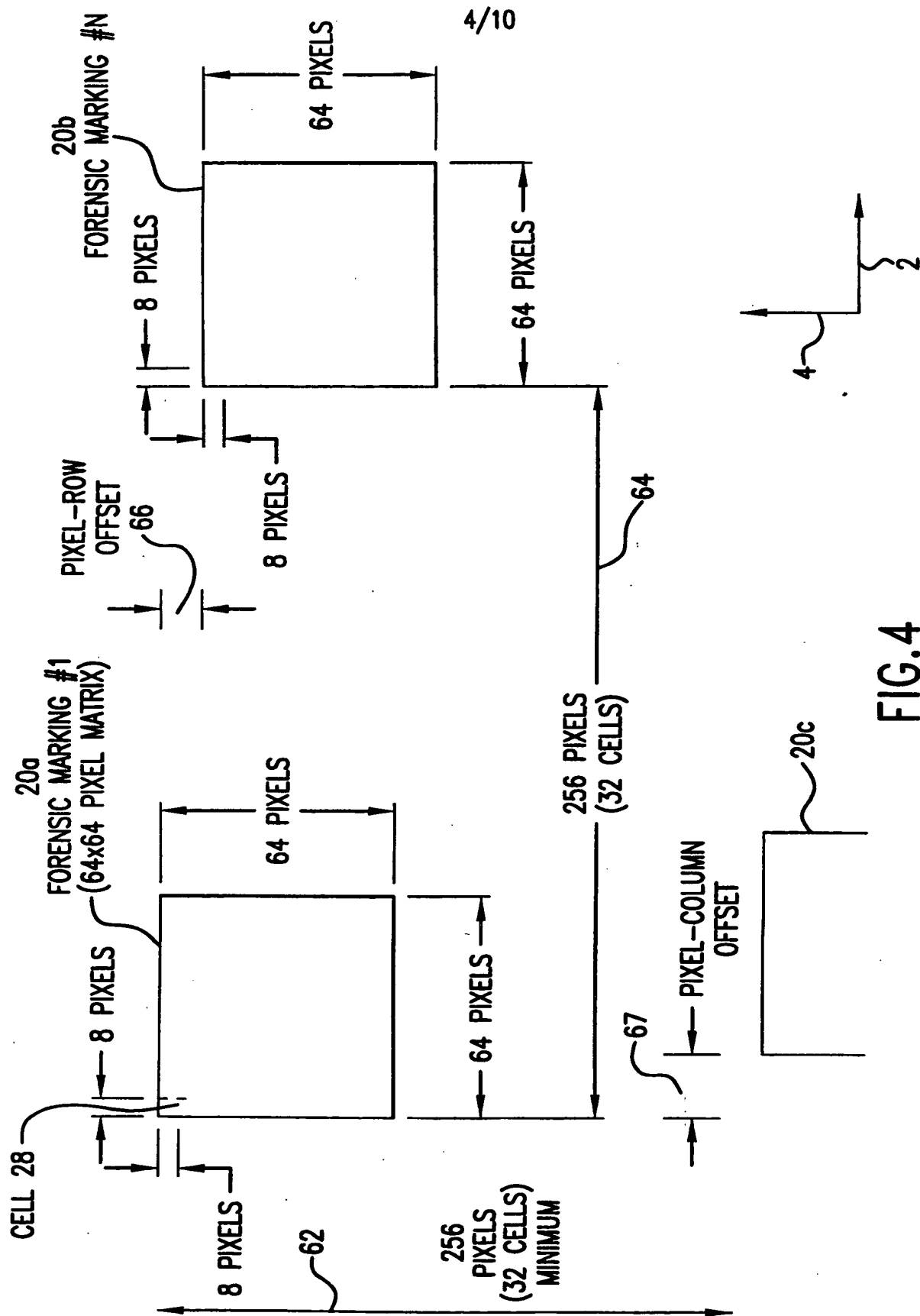
FIG. 2B

FIG. 2A



DEFINITIONS:
 START/STOP = COMMON REPEATED PATTERNS IN EACH MATRIX
 TYPE X = MACHINE TYPE IDENTIFIER
 CHECK X = CHECKSUM BITS
 MACH = MACHINE SERIAL NUMBER ENCODING CELLS

FIG.3



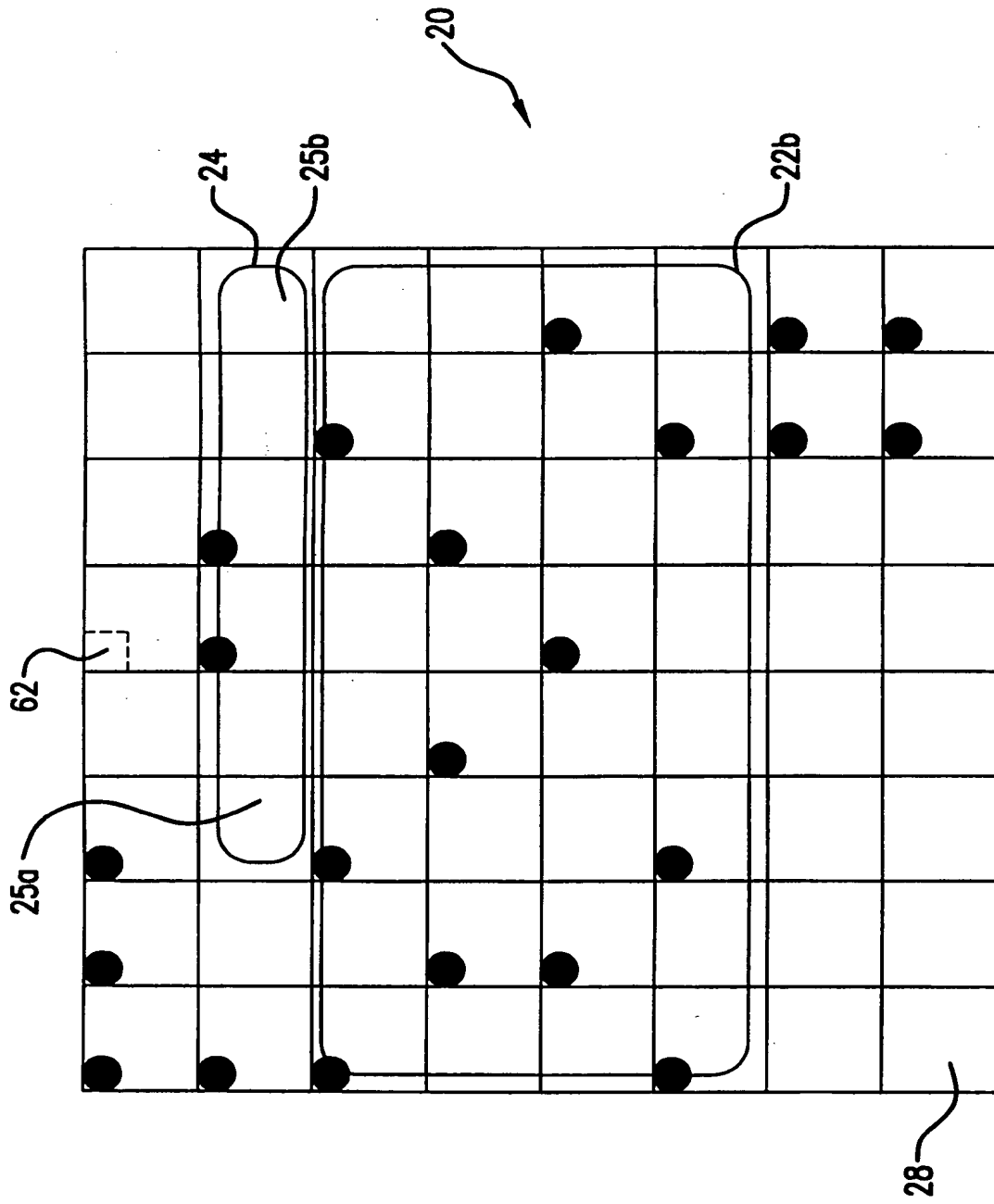


FIG.5

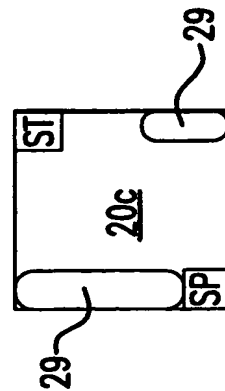
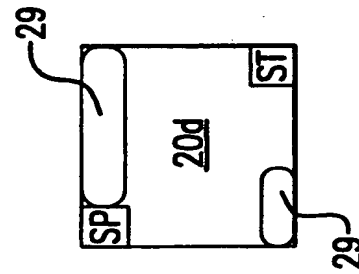
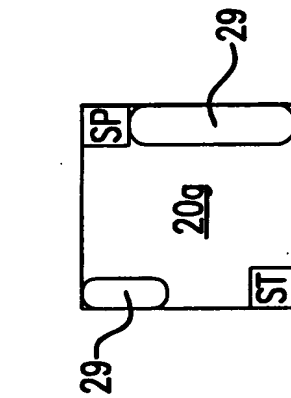
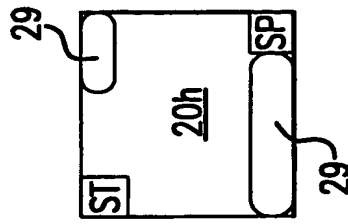
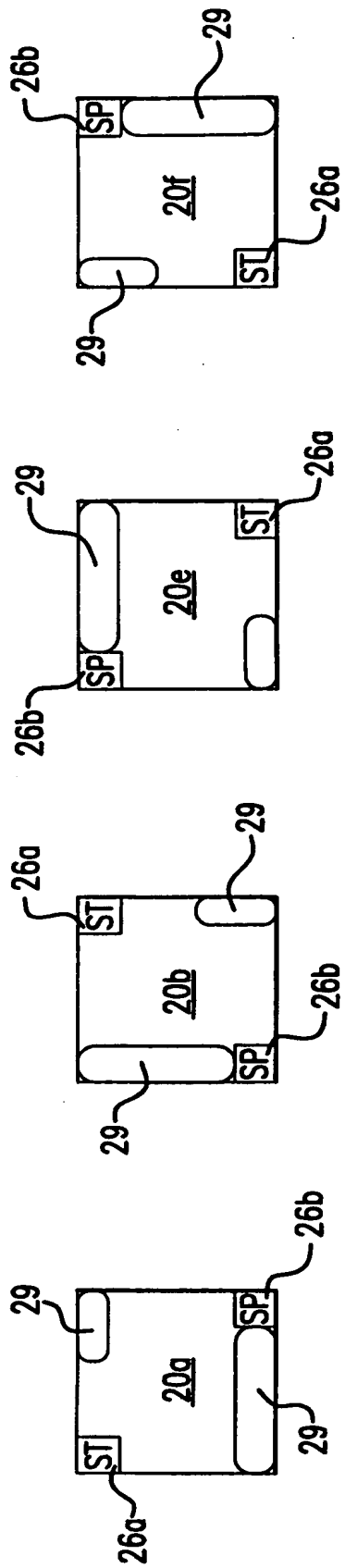
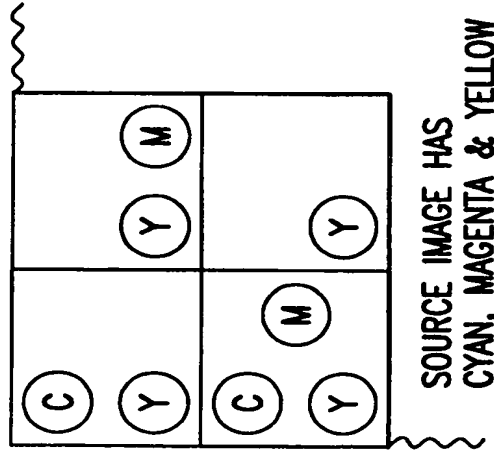


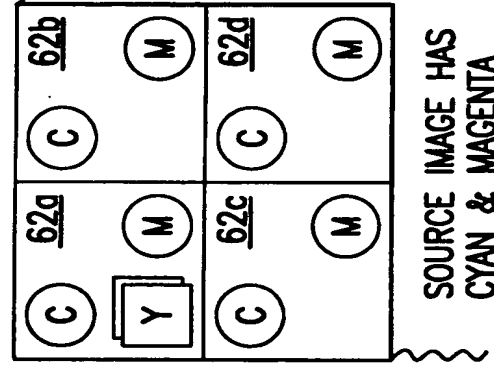
FIG.6

FORENSIC MARKING DROPS
NOT ADDED



70c

FORENSIC MARKING DROPS
ADDED



70b

FIG. 7C

FIG. 7B

(C) = COLORANT DROPS FOR SOURCE IMAGE

(Y) = COLORANT DROPS FOR FORENSIC MARKING SUPERIMPOSED

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SOURCE IMAGE BLANK

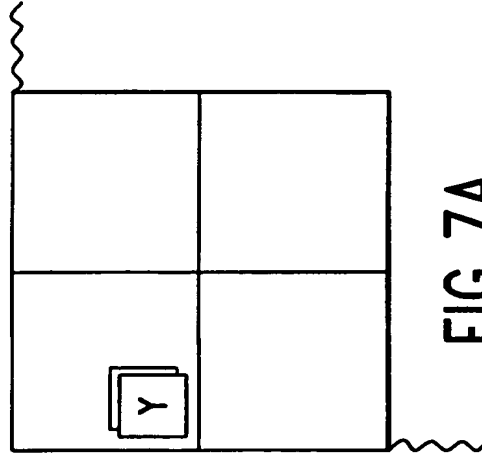


FIG. 7A

70a

FIG. 8

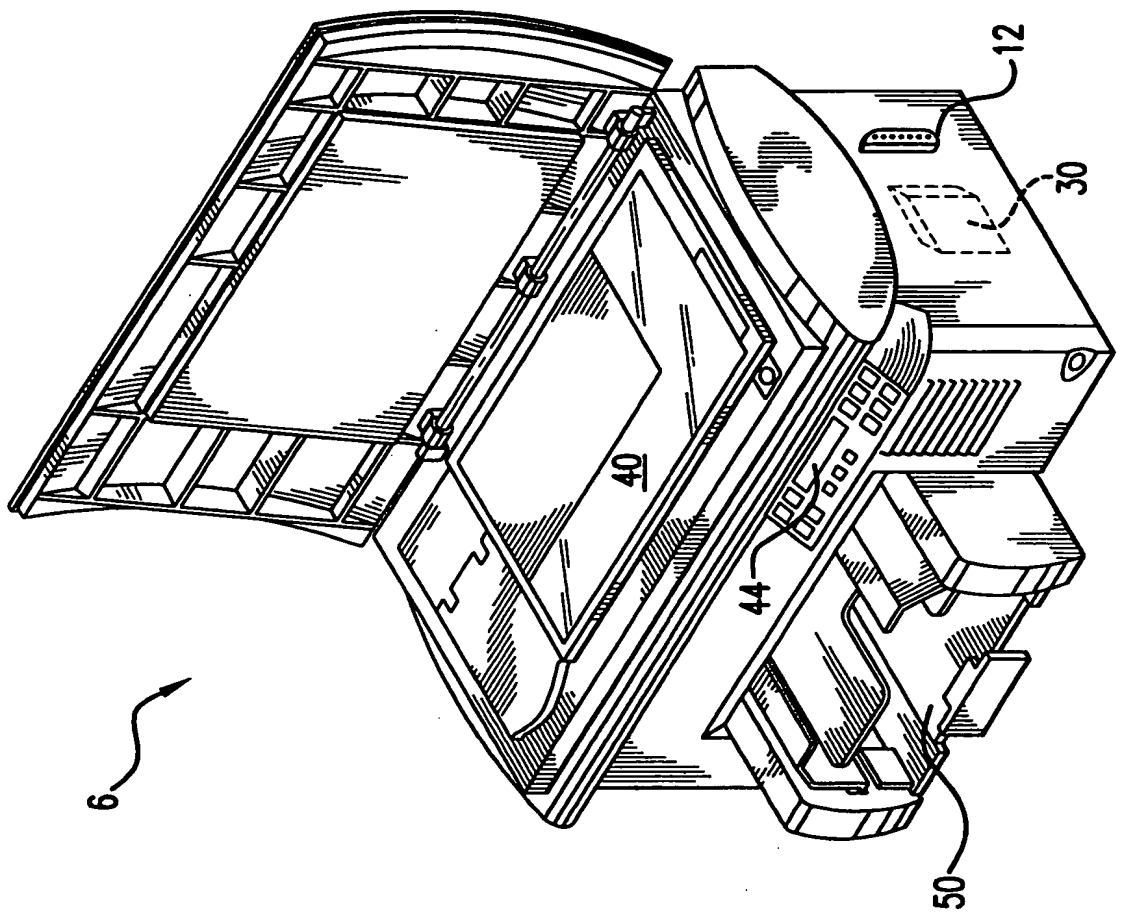
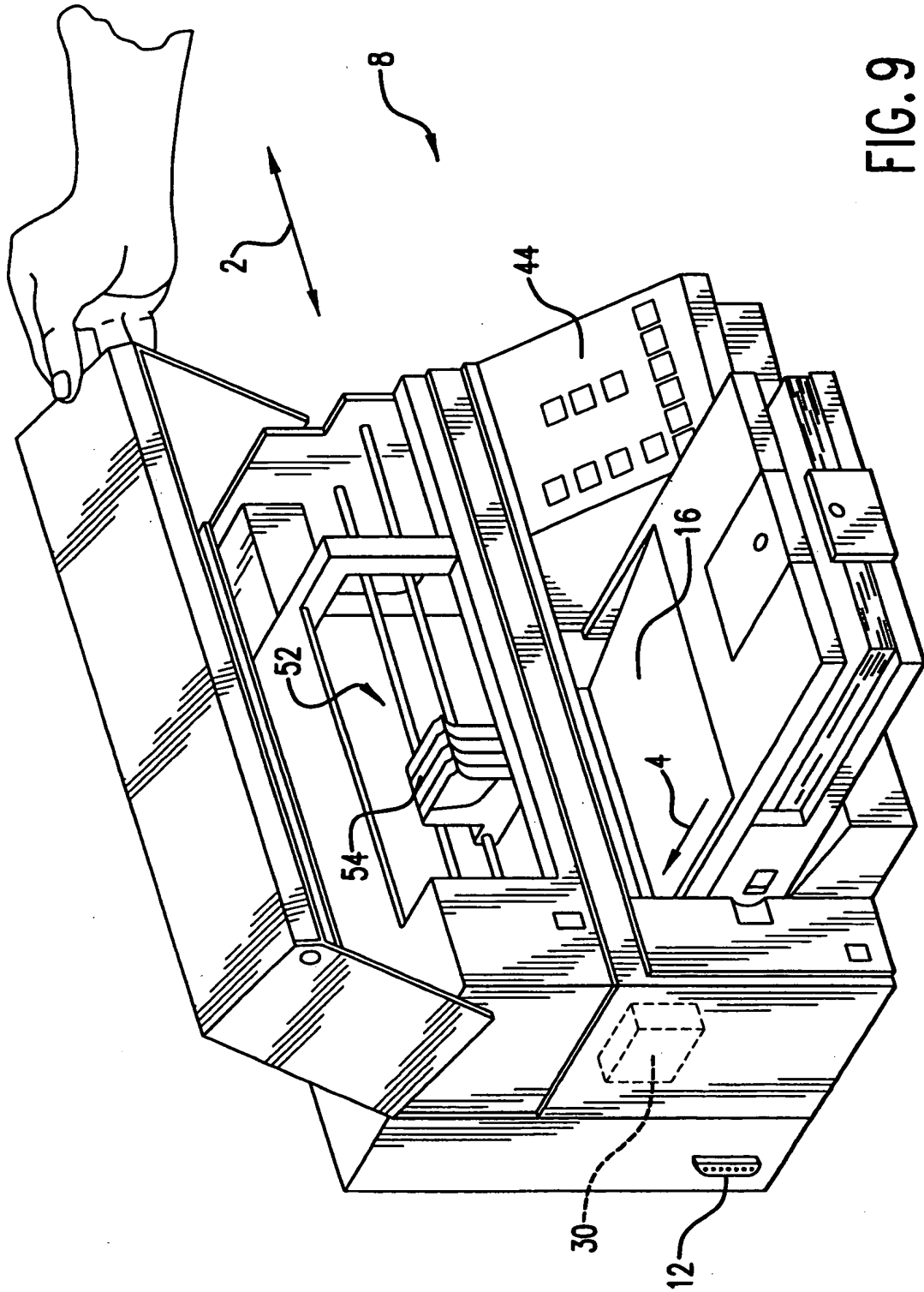


FIG. 9



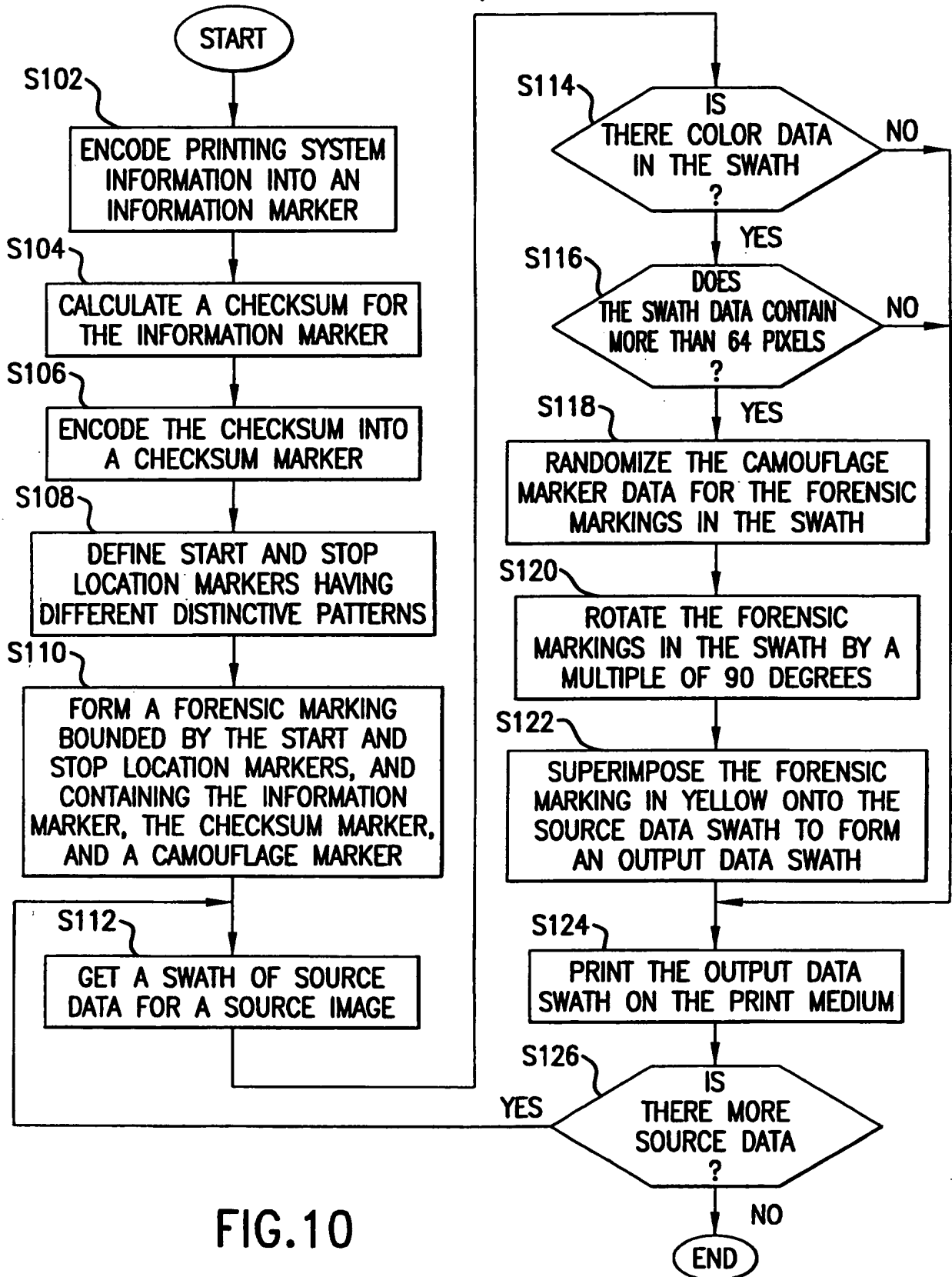


FIG.10